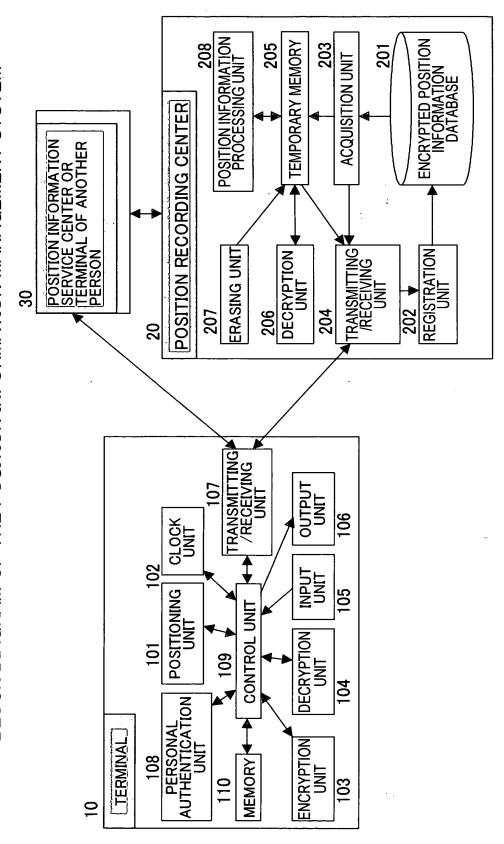
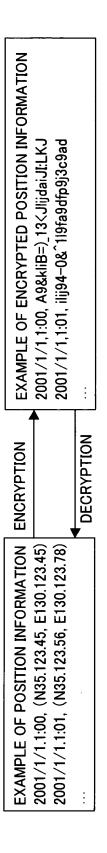
J J

BLOCK DIAGRAM OF THE POSITION INFORMATION MANAGEMENT SYSTEM

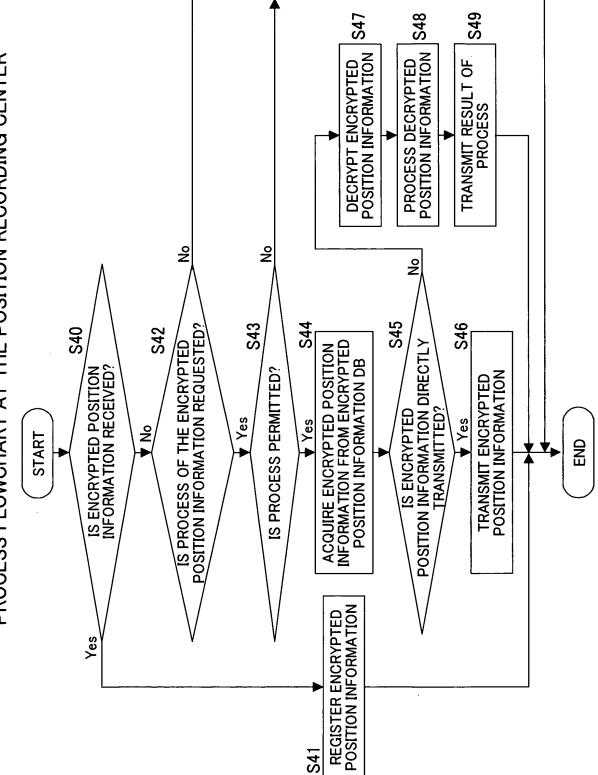


EXAMPLE OF ENCRYPTION OF POSITION INFORMATION

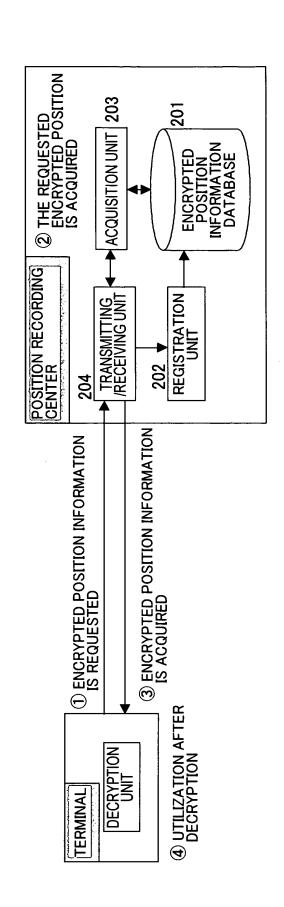


FLOWCHART OF TRANSMISSION BY THE TERMINAL **S32 S34 S31** ŝ POSITION CURRENT POSITION S30 IS ENCRYPTED S3
POSITION INFORMATION
TRANSMITTED? TRANSMIT ENCRYPTED POSITION INFORMATION IS PERSONAL AUTHENTICATION SUCCESSFUL? ENCRYPT POSITION INFORMATION ¥ Yes ¥¥¥es START END ŝ

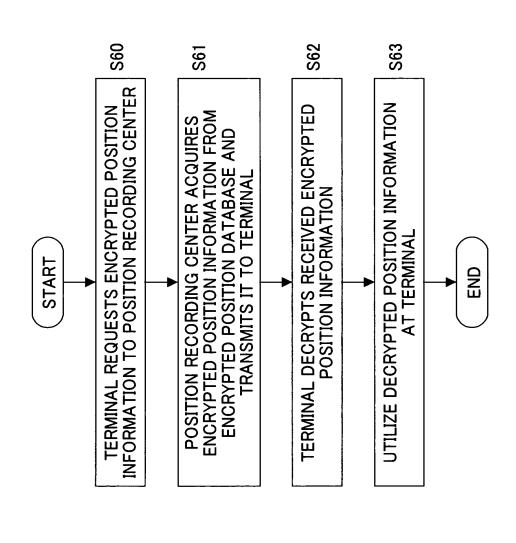
PROCESS FLOWCHART AT THE POSITION RECORDING CENTER FIG. 4



SCHEMATIC DIAGRAM OF THE MODE OF USE 1 OF THE POSITION INFORMATION MANAGEMENT SYSTEM



OPERATION FLOWCHART OF THE MODE OF USE 1



UTILIZATION OF POSITION INFORMATION DECRYPTION UNIT (TERMINAL (OTHER PERSON IN A GROUP) © POSITION INFORMATION POSITION RECORDING CENTER TRANSMITTING / / RECEIVING UNIT 3 POSITION INFORMATION IS REQUESTED 202 204 OF THE POSITION INFORMATION MANAGEMENT SCHEMATIC DIAGRAM OF THE MODE OF USE 2 (1) TRANSMISSION PERMISSION OF ENCRYPTED POSITION INFORMATION IS TRANSMITTED ② ENCRYPTION KEY IS TRANSMITTED TERMINAL SYSTEM

4 ENCRYPTED POSITION INFORMATION

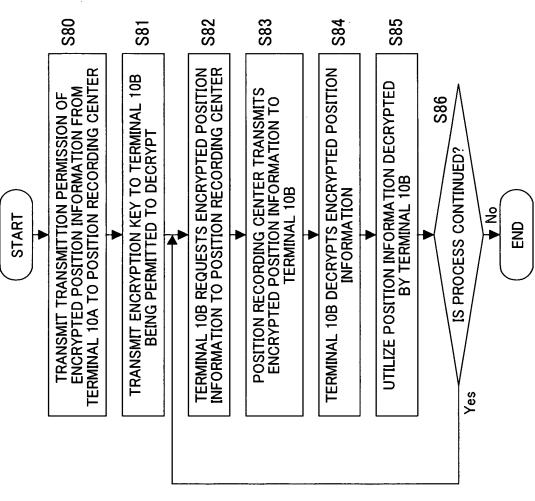
TRANSMITTED

ACQUISITION 203

ENCRYPTED POSITION INFORMATION DATABASE

REGISTRATION UNIT

PROCESS FLOWCHART OF THE MODE OF USE 2



ENCRYPTED POSITION INFORMATION IS TRANSMITTED ACQUISITION 203 201 © POSITION INFORMATION ENCRYPTED POSITION INFORMATION DATABASE **DECRYPTION UNIT** SERVICE UTILIZING POSITION INFORMATION INFORMATION **⊕** POSITION RECORDING CENTER POSITION INFORM SERVICE CENTER TRANSMITTING // RECEIVING UNIT REGISTRATION UNIT 3 POSITION INFORMATION IS REQUESTED 202 204 SCHEMATIC DIAGRAM OF THE MODE OF USE 3 SERVICE IS REQUESTED (ENCRYPTION KEY IS ALSO TRANSMITTED) © POSITION INFORMATION SERVICE ② TRANSMISSION PERMISSION OF ENCRYPTED POSITION INFORMATION OF THE POSITION INFORMATION MANAGEMENT SYSTEM FIG. 9 TERMINAL

FIG. 10

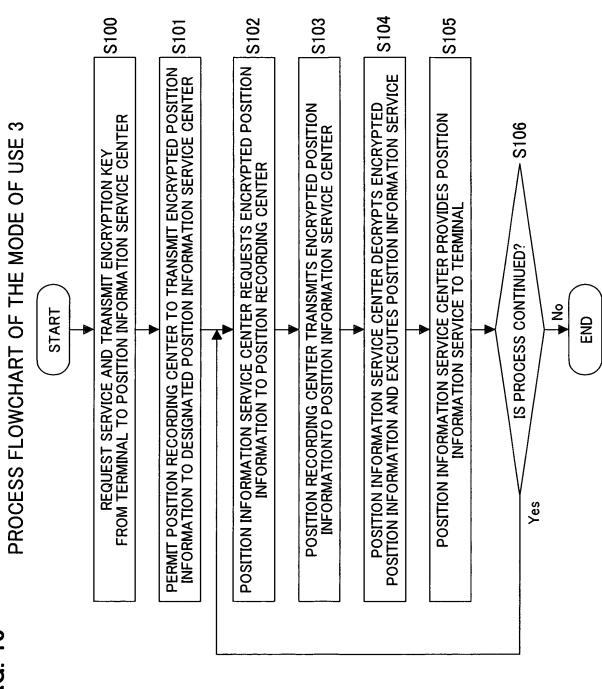


FIG. 11

SCHEMATIC DIAGRAM OF THE MODE OF USE 4 OF THE POSITION INFORMATION MANAGEMENT SYSTEM

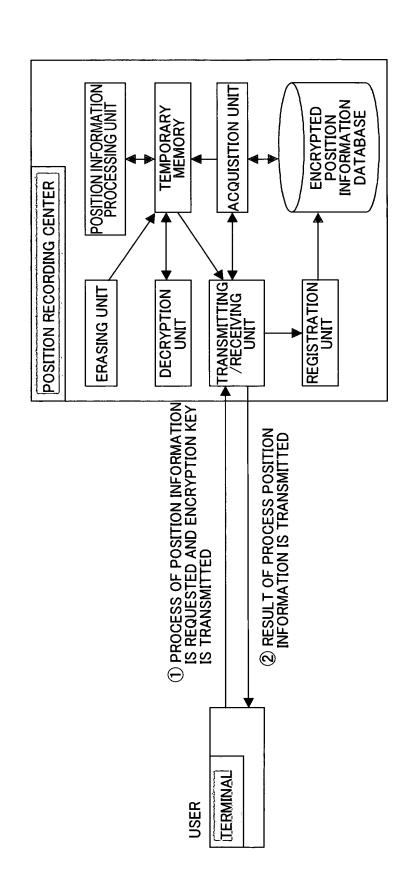
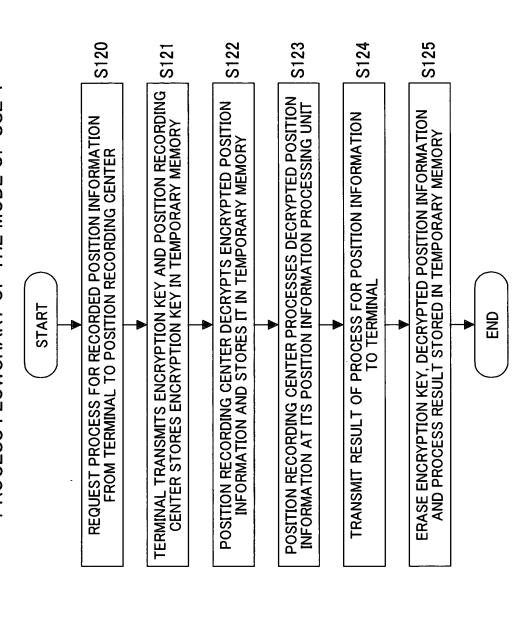


FIG. 12

PROCESS FLOWCHART OF THE MODE OF USE 4



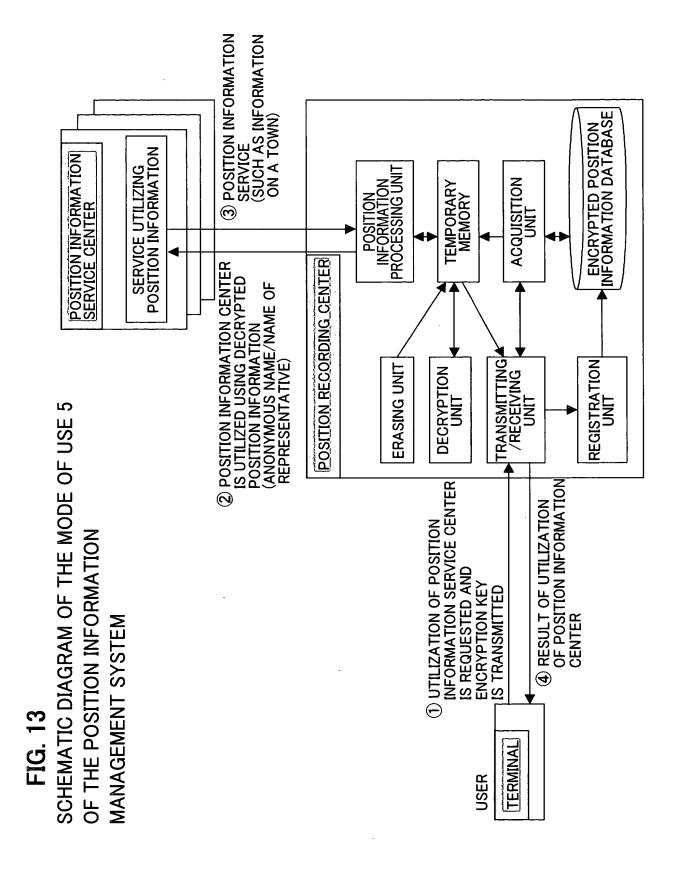
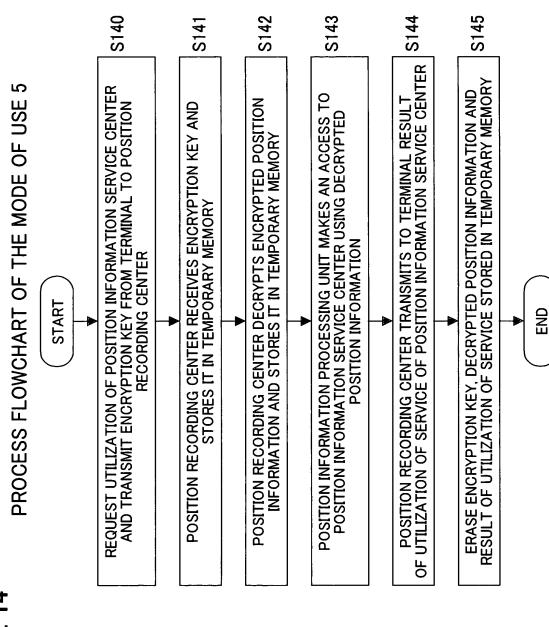


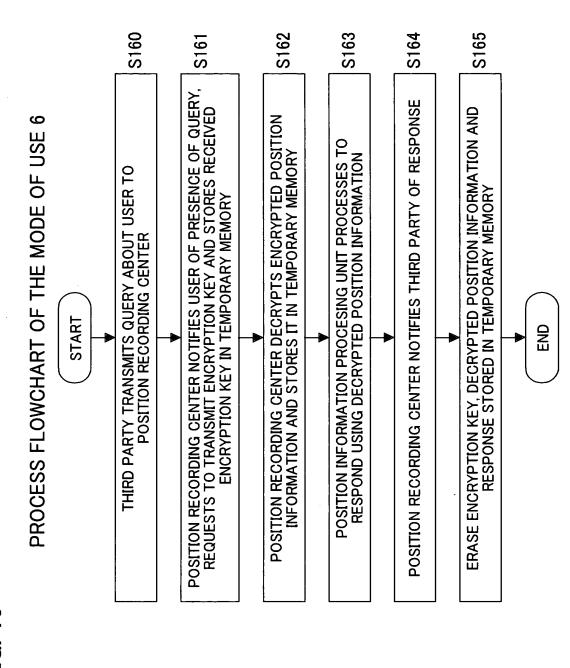
FIG. 14



© RESPONSE TO QUERY (ISSUANCE OF A GUARANTEE) POSITION INFORMATION PROCESSING UNIT ENCRYPTED POSITION INFORMATION DATABASE TEMPORARY MEMORY ACQUISITION UNIT THIRD PARTY (STORE, BANK, COMPANY ETC.) WOULD LIKE TO HAVE A GUARANTEE TO TRUST A USER POSITION RECORDING CENTER ATRANSMITTING /RECEIVING UNIT REGISTRATION UNIT DECRYPTION UNIT ERASING UNIT Q QUERY SCHEMATIC DIAGRAM OF THE MODE OF USE 6 3 NOTICE OF QUERY (1) REQUEST FOR SOMETHING (PURCHASE, LOAN, EMPLOYMENT ETC.) 4 ENCRYPTION KEY IS
TRANSMITTED ACCORDING TO
A REQUEST FROM CENTER,
ENCRYPTION KEY IS STORED IN
TEMPORARY MEMORY OF THE POSITION INFORMATION MANAGEMENT SYSTEM **TERMINAL** USER

FIG. 15

FIG. 16



POSITION INFORMATION UTILIZATION SYSTEM

